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Patent Number

**Inventor:** Wendell Rhine et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (703) 872-9306**FROM:** EDWARDS & ANGELL, LLP

John B. Alexander, Ph.D.

**PHONE:** (617) 439-4444**Attorney Dkt. #:** 57626 (46775)**PAGES (Including Cover Sheet):** 17**CONTENTS:** Amendment (14 pages)  
Amendment Transmittal (1 page)  
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PTO/SB/97 (09-04)

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Application No. (if known): 10/625,501

Attorney Docket No.: 57626(46775)

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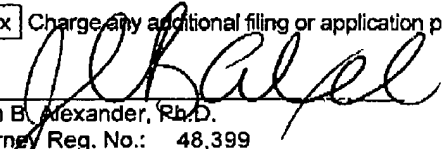

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Amendment (14 pages)

Amendment Transmittal (1 page)

<b>AMENDMENT TRANSMITTAL LETTER</b>				Docket No. 57628 (46775)	
Application No. 10/625,501	Filing Date July 22, 2003	Examiner H. P. Hampton	Art Unit 1711		
Applicant(s): Wendell Rhine et al.					
Invention: POLYIMIDE AEROGELS CARBON AEROGELS AND METAL CARBIDE AEROGELS AND METHOD OF MAKING SAME					
<b>TO THE COMMISSIONER FOR PATENTS</b>					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
<b>CLAIMS AS AMENDED</b>					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
<b>Total Claims</b>	-	20	=	x	
<b>Independent Claims</b>	-	3	=	x	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					0.00
<input type="checkbox"/> Large Entity <span style="float: right;"><input checked="" type="checkbox"/> Small Entity</span>					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. <u>04-1105</u> as described below. A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Credit any overpayment.					
<input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
 John B. Alexander, Ph.D. Attorney Reg. No.: 48,399  EDWARDS & ANGELL, LLP P.O. Box 55874 Boston, Massachusetts 02206 (617) 439-4444				Dated: <u>January 10, 2005</u>	
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Docket No. 57626 (46775)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT: W. Rhine EXAMINER: P. Hampton Hightower  
SERIAL NO. 10/625,501 GROUP: 1711  
FILED: July 22, 2003  
FOR: POLYIMIDE AEROGELS, CARBON AEROGELS, AND METAL  
CARBIDE AEROGELS AND METHODS OF MAKING SAME

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT**

Applicants are in receipt of the office action dated October 13, 2004 and request reconsideration of the above-identified application in view of the following amendments and remarks.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.